

AMENDMENTS TO THE CLAIMS

All pending claims and their present status are produced below.

1. (Currently Amended) A computer system for generating a representation of time-based media, the system comprising:

a feature extraction module for:

extracting, using a feature extraction technique, features from the time-based media, the feature extraction technique specified by a document format specification file; and

generating a media representation of the time-based media that represents the extracted features, the media representation including a waveform representing the time based media including the extracted features, a corresponding timeline and a plurality of user-selectable identifiers indicating locations on the timeline corresponding to the extracted features;

a formatting module communicatively coupled to the feature extraction module, the formatting module for:

formatting the media representation according to layout parameters specified by the document format specification file; and

a printer communicatively coupled to the formatting module, the printer for:

printing the formatted media representation, wherein each of the plurality of user-selectable identifiers in the formatted media representation can be selected to access a corresponding part of the time-based media ~~formatted media representation includes a graphical representation of a timeline and a plurality of user-selectable identifiers indicating locations on the timeline corresponding to the extracted features.~~

2. (Previously Presented) The system of claim 1, wherein the feature extraction module further comprises content recognition software for recognizing features in the time-based media.

3. (Previously Presented) The system of claim 1, further comprising processing logic for controlling a printer driver interface associated with the printer.

4. (Previously Presented) The system of claim 1, further comprising processing logic for controlling a printer console on the printer.

5. (Previously Presented) The system of claim 1, wherein the feature extraction module is further adapted to generate the media representation in digital format.

6. (Previously Presented) The system of claim 1, wherein the feature extraction module is further adapted to generate the media representation in paper format.

7. (Cancelled)

8. (Previously Presented) The system of claim 1, wherein at least one of the user-selectable identifiers comprises a barcode printed on a document displaying the formatted media representation.

9. (Cancelled).

10. (Previously Presented) The system of claim 8, wherein the barcode on the document can be scanned to play time-based media associated with the extracted features on a display device.

11. (Cancelled)

12. (Currently Amended) The system of claim 1, wherein the waveform represents ~~graphical representation includes~~ audio content ~~displayed as an audio waveform timeline~~.

13. (Previously Presented) The system of claim 1, wherein the timeline includes markers along its length that correspond to user-selected segments of the time-based media.

14. (Previously Presented) The system of claim 1, wherein the timeline includes markers along its length that correspond to segments of audio content, the segments being defined by a search for particular features within the time-based media.

15. (Previously Presented) The system of claim 1, wherein the timeline includes markers along its length that correspond to segments of media content, at least one of the markers having text information describing a corresponding segment of media content.

16. (Previously Presented) The system of claim 1, wherein the timeline includes markers along its length that each correspond to a segment of the time-based media, at least one of the markers having timestamp information describing the corresponding segment of the time-based media.

17. (Previously Presented) The system of claim 1, wherein the media representation includes a header describing the time-based media.

18. (Previously Presented) The system of claim 1, wherein the formatting module is further adapted to format the media representation according to format specifications included in the document format specification file.

19. (Currently Amended) The system of claim 18, wherein the format specifications included in the document format specification comprise a number of user-definable fields specifying a format of ~~a graphical~~ the media representation of the time-based media.

20. (Previously Presented) The system of claim 18, wherein the format specifications included in the document format specification comprise a number of user-definable fields specifying a layout of the media representation.

21. (Previously Presented) The system of claim 18, wherein the format specifications included in the document format specification comprise a number of user-definable fields specifying media content markers included in the media representation.

22. (Previously Presented) The system of claim 1, wherein the document format specification comprises a number of user-definable fields specifying feature extraction techniques to apply to the time-based media.

23. (Cancelled).

24. (Cancelled).

25. (Currently Amended) A method for generating a representation of time-based media, the method comprising:
- extracting, using a feature extraction technique, features from the time-based media, the feature extraction technique specified by a document format specification file;
 - generating a media representation of the time-based media that represents the extracted features, the media representation including a waveform representing the time based media including the extracted features, a corresponding timeline and a plurality of user-selectable identifiers indicating locations on the timeline corresponding to the extracted features;
 - formatting the media representation according to layout parameters specified by the document format specification file; and
 - printing the formatted media representation, wherein each of the plurality of user-selectable identifiers in the formatted media representation can be selected to access a corresponding part of the time-based media ~~formatted media representation includes a graphical representation of a timeline and a plurality of user-selectable identifiers indicating locations on the timeline corresponding to the extracted features.~~
26. (Cancelled).
27. (Previously Presented) The method of claim 25, wherein extracting features from the time-based media further comprises performing keyword searching on the time-based media.
28. (Previously Presented) The method of claim 25, wherein extracting features from the time-based media further comprises performing speech recognition on the time-based media.
29. (Previously Presented) The method of claim 25, wherein extracting features from the time-based media further comprises performing event detection on the time-based media.
30. (Cancelled)
31. (Currently Amended) The method of claim 25, wherein the waveform represents ~~graphical representation includes~~ audio content ~~displayed as an audio waveform timeline.~~
32. (Cancelled).

33. (Previously Presented) The method of claim 25, wherein at least one of the user-selectable identifiers comprises a barcode printed on a document displaying the formatted media representation.

34. (Previously Presented) The method of claim 33, wherein the barcode on the document can be scanned to play time-based media associated with the extracted features on a display device.

35. (Previously Presented) The method of claim 25, further comprising generating markers along the timeline, the markers corresponding to user-selected segments of the time-based media.

36. (Previously Presented) The method of claim 25, further comprising generating markers along the timeline, at least one of the markers corresponding to features extracted from the time-based media.

37. (Previously Presented) The method of claim 25, further comprising generating markers along the timeline, at least one of the markers including text information describing the time-based media.

38. (Previously Presented) The method of claim 25, further comprising generating markers along the timeline, at least one of the markers including timestamp information describing the time-based media.

39. (Previously Presented) The method of claim 25, wherein printing the formatted media representation further comprises printing a header describing the time-based media.

40. (Previously Presented) The method of claim 25, wherein printing the formatted media representation further comprises generating a representation in digital format.

41. (Previously Presented) The method of claim 25, wherein printing the formatted media representation further comprises printing a representation in paper format.

42. (Cancelled).

43. (Cancelled).

44. (Previously Presented) The method of claim 33, further comprising applying a barcode generation algorithm to render a barcode image including identifier information.

45. (Previously Presented) The method of claim 33, further comprising applying a barcode generation algorithm to render a barcode image including timestamp information.